



PATENT  
Attorney Docket No.: MEDIV2010-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kornowski et al. Art Unit: Not Yet Assigned  
Application No.: 10/776,545 Examiner: Not Yet Assigned  
Filing Date: February 10, 2004 Confirmation No.: Not Yet Assigned  
Title: INTRAMYOCARDIAL INJECTION OF AUTOLOGOUS BONE  
MARROW

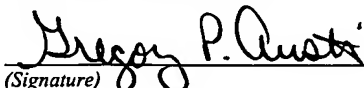
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application please find:

1. Information Disclosure Statement (2 pgs.);
2. Form PTO-1449 (2 pgs. in duplicate); and
3. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, April 6, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Gregory P. Austin (Name of Person Mailing Paper)	
 (Signature)	April 6, 2004 (Date)

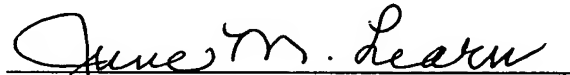
In re Application of:  
Kornowski et al.  
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Page 2

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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed within three months of the filing date of the above-identified application. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: April 6, 2004



June M. Learn, J.D., Ph.D.  
Registration No. 31,238  
Telephone: (858) 677-1416  
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
USPTO CUSTOMER NO. 28213



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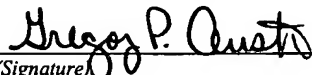
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. § 1.97, Applicants bring the references listed on the attached Form PTO-1449 to the attention of the Examiner for the above-identified application. Copies of the references will be found in prior application, U.S. Serial No. 09/868,411, filed June 14, 2001, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

It is respectfully requested that the references be considered in the examination of this application and their consideration be made of written record in the application file.

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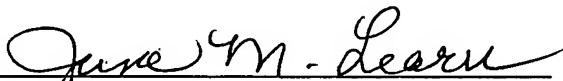
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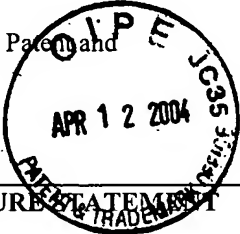
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	Applicant: Kornowski et al.	Confirmation No.: Not Yet Assigned
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Filing Date: February 10, 2004	Group Art Unit: Not Yet Assigned

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

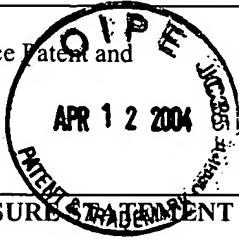
	AA	Anderson, "Human gene therapy", <i>Nature</i> , 392(6679 Supp.):25-30 (April 1998)
	AB	Bickenbach et al., "Selection and Extended Growth of Murine Epidermal Stem Cells in Culture", <i>Exp. Cell Res.</i> , 244(1):184-195 (Oct. 1998)
	AC	Blanquaert et al., "RGTA modulates the healing pattern of a defect in a monolayer of osteoblastic cells by acting on both proliferation and migration", <i>J. Biomed. Mater. Res.</i> , 64A(3):525-532 (March 2003)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

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	<b>Applicant:</b> Kornowski et al.	<b>Confirmation No.:</b> Not Yet Assigned
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> February 10, 2004	<b>Group Art Unit:</b> Not Yet Assigned



	AD	Check, "Cancer fears cast doubts on future of gene therapy", <i>Nature</i> , 421(6924):678 (Feb. 2003)
	AE	Juengst, "What next for human gene therapy?", <i>BMJ</i> , 326(7404):1410-1411 (June 2003)
	AF	Kmieciak, "Gene Therapy", <i>American Scientist</i> , 87:240-247 (May-June 1999)
	AG	Perin et al., "Transendocardial, Autologous Bone Marrow Cell Transplantation for Severe, Chronic Ischemic Heart Failure", <i>Circulation</i> , 107(18):2294-2302 (May 2003)
	AI	Stamm et al., "Autologous bone-marrow stem-cell transplantation for myocardial regeneration", <i>The Lancet</i> , 361(9351):45-46 (Jan. 2003)
	AI	Tao et al., "Evidence for transdifferentiation of human bone marrow-derived stem cells: recent progress and controversies", <i>Pathology</i> , 35(1):6-13 (Feb. 2003)
	AJ	Tomita et al., "Autologous Transplantation of Bone Marrow Cells Improves Damaged Heart Function", <i>Circulation</i> , 100(19 Suppl):II247-II256 (Nov. 1999)
	AK	Verma et al., "Gene therapy - promises, problems and prospects", <i>Nature</i> , 389(6648):239-42 (Sept. 1997)

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